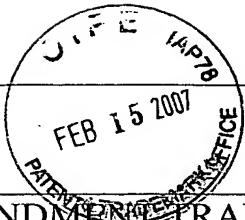


3663/IFW



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

|  |                                       |   |                         |
|--|---------------------------------------|---|-------------------------|
| <b>AMENDMENT TRANSMITTAL</b>   |                                       | Docket Number: <b>12928/10021</b>       |                         |
|  |                                       | Int'l. App. No. : <b>PCT/FR03/01710</b> |                         |
| Application Number<br><b>10/519,507</b>  | Filing Date<br><b>August 29, 2005</b> | Examiner<br><b>Alexandra AWAI</b>       | Art Unit<br><b>3663</b> |
| Invention Title<br><b>CLUSTER FOR ADJUSTING A NUCLEAR<br/>REACTOR CORE REACTIVITY, ABSORBER ROD<br/>OF THE CLUSTER AND METHOD FOR<br/>PROTECTING THE ABSORBER ROD AGAINST<br/>WEAR</b> |                                       | Inventor(s)<br><b>Desprez and Hertz</b> |                         |

## Address to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 2231301450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: February 12, 2007

Signature:   
Kevin T. Godlewski (Reg. No.: 47,598)

SIR:

Transmitted herewith for filing is a response to the Office Action mailed January 11, 2007, for the above-identified application.

No fees are believed due. However, if any fees are due the Commissioner is authorized to charge deposit account No. 11-0600 for such fees. A copy of this letter is enclosed for that purpose.

Dated:

February 12, 2007

  
Kevin T. Godlewski (Reg. No. 47,598)  
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New York, N.Y. 10004  
(212) 425-7200 (telephone)  
(212) 425-5288 (facsimile)  
**CUSTOMER NUMBER 26646**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Dominique HERTZ et al.  
 Serial No. : 10/519,507  
 Filing Date : August 29, 2005  
 For: CLUSTER FOR ADJUSTING A NUCLEAR  
 REACTOR CORE REACTIVITY, ABSORBER ROD  
 OF THE CLUSTER AND METHOD FOR  
 PROTECTING THE ABSORBER ROD AGAINST  
 WEAR  
 Examiner : Alexandra AWAI  
 Art Unit : 3663  
 Confirmation No. : 9276

Address to:  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

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Date: February 12, 2007

Signature:   
 Kevin T. Godlewski (Reg. No. 47,598)

**RESPONSE TO OFFICE ACTION**

SIR:

In response to the Office Action mailed on January 11, 2007, please enter the following amendment and remarks as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.